

## **DOMESTIC TRANSPORTATION FUELS FOR ENERGY INDEPENDENCE**

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The Office of Fuels Development (OFD), operating within the U.S. Department of Energy's Office of Transportation Technologies (OTT), is charged with the development of technologies that will facilitate the production and use of environmentally-sound, cost-competitive, domestic transportation fuels. As the "supply side" of OTT's equation, OFD's role is one of the keys for resolving the strategic issues of energy security/petroleum displacement, economic growth, and environmental quality facing OTT.

Current OFD R&D activities include technologies leading to the production of biomass feedstocks (including waste streams) as well as the technologies to efficiently convert these domestic and renewable feedstocks into clean-burning transportation fuels, such as ethanol and biodiesel. Closely coordinated with other Offices within OTT, OFD's deployment efforts include partnership development with industrial stakeholders at the national, regional, and grass-roots level to support near-, mid-, and long-term projects that help to demonstrate and commercialize OFD technologies as well as increase demand for these "biofuels" through market and infrastructure development.